

**QUESTIONS & ANSWERS**  
**RFP # 15-007-01**  
**ELEVATOR # 4 MODERNIZATION**

The following specs are missing per the attached cover sheet. (Highlighted in blue)

The missing sections will be posted to our web site Friday, July 18, 2014 as addendum # 1.

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We would like to present the following items for your consideration and comments.

1. 2.01.A: Due to the nature of this modernization, it is not possible for us to provide all alternation material from one manufacturer. All of the following equipment manufacturers for which we are requesting your approval provide completely non-priority equipment, are well-established elevator industry sources, have been approved by Tennessee Board of Regents and are being used at The University of Memphis. Further information on each manufacturer is available upon request. Terry Seamon with SCG Juvenile Court has approved allowing the following equipment furnished by United Elevator as an acceptable equipment manufacturer.
  - Vertical Express, which is a division of ThyssenKrupp Elevator Manufacturing, Inc. (<http://www.verticalxpress.com/>)
  - UNITEC Elevator Parts Company, which is owned by Otis Elevator Company and is the OEM for Otis Parts. (<http://www.unitecparts.com/>)
  - Smartrise Engineering, Inc. (<http://www.smartrise.us/>)
  - GAL Manufacturing Corp. (<http://www.gal.com/>)
  - Innovation Industries Inc. (<http://www.innovationind.com/>)
  - IDEC Elevator Products (<http://www.idecelevatorproducts.com/>)
  - Unique Architectural Solutions, LLC (Cab Finishes – references available upon request)
2. 2.03.G: There are not counterweights on this hydraulic elevator. Delete the requirements of 2.03G
3. 2.04.D: Are the Hoistway sills to be removed? Sills are not required to be removed. Allow for cleaning, polishing and deburring
4. 2.05.A and 2.05.B.4: Will it be acceptable to reuse and refinish the existing #4 Stainless Steel Front return panel and modify it as required to accept new car control station and indicators? Provide new S.S. car front to accept new car operating panel as specified.
5. 2.08.B: A non-proprietary microprocessor based control system is properly specified. We would recommend that the following additional specification language be inserted in order to further clarify the requirements and to protect the owner's future interests.

Provide non-proprietary microprocessor based elevator control system that is serviceable and maintainable by any qualified elevator maintenance provider capable of maintaining apparatus of

similar design and complexity. Elevator control system shall not require any external proprietary service tool.

- Elevator control system shall be non-proprietary. All tools, programmers, CRT with keyboard, Hand Held or Lap top computer, software etc., necessary to maintain, service and/or trouble shoot the elevator system shall be furnished to the owner and permanently left on the job site. Instructional manuals, complete sets of wiring diagrams, operating guides, controller fault codes, and a copy of the SIM card, etc., and training in the operation of these tools, programmers, etc., are to be provided to the owner.
  - The manufacturer of the Non-proprietary elevator system must provide technical support.
  - The manufacturer of the Non Proprietary elevator controls and other components must have an established reputation. Their products must have performed satisfactorily under normal conditions in not less than twenty-five other elevator installations of equal or greater capacity and speed for a minimum of one and a half years within the United States and a minimum of three installations in Tennessee. Names and address of owners and buildings in which the proposed combinations of controllers and elevator components has performed is to be provided to the owner upon request.
  - No other special tools shall be required.
  - A complete replacement parts list, including every part associated with the elevator, shall be provided to any elevator service provider including the current pricing available to the open market.
  - The elevator manufacturer shall provide complete replacements of electrical prints, circuit diagrams, mechanical prints, installation manual, maintenance manual and repair manuals for a low cost replacement fee.
  - Parts can be sourced from multiple vendors.
  - Parts shall be available off the shelf.
6. 2.08.C & D: Load Weighing Device and Anti-Nuisance Call Control are features typically provided on high-rise traction elevators. Are they required on this 4 stop hydraulic elevator? If required, the typical load weighing device used on a hydraulic elevator is a pressure switch in the hydraulic system. Would this be acceptable in lieu of the load sensor utilizing a linear variable differential transformer as specified? **Use of pressure switch in hydraulic system is acceptable means for load weighing. Anti- Nuisance Call control is not require din this application.**